Assignment No. 2

Server.py

```python
import Pyro4


# Exposing this class for remote access
@Pyro4.expose
class StringConcatenation:
    def concatenate(self, str1, str2):
        return str1 + str2


def main():
    daemon = Pyro4.Daemon()  # Create a Pyro daemon
    ns = Pyro4.locateNS()  # Locate the Pyro name server

    # Register the class in the Pyro4 naming service
    uri = daemon.register(StringConcatenation)
    ns.register("string.concat", uri)  # Register with a name

    print("String Concatenation Server is running...")
    daemon.requestLoop()  # Keep the server running


if __name__ == "__main__":
    main()
```
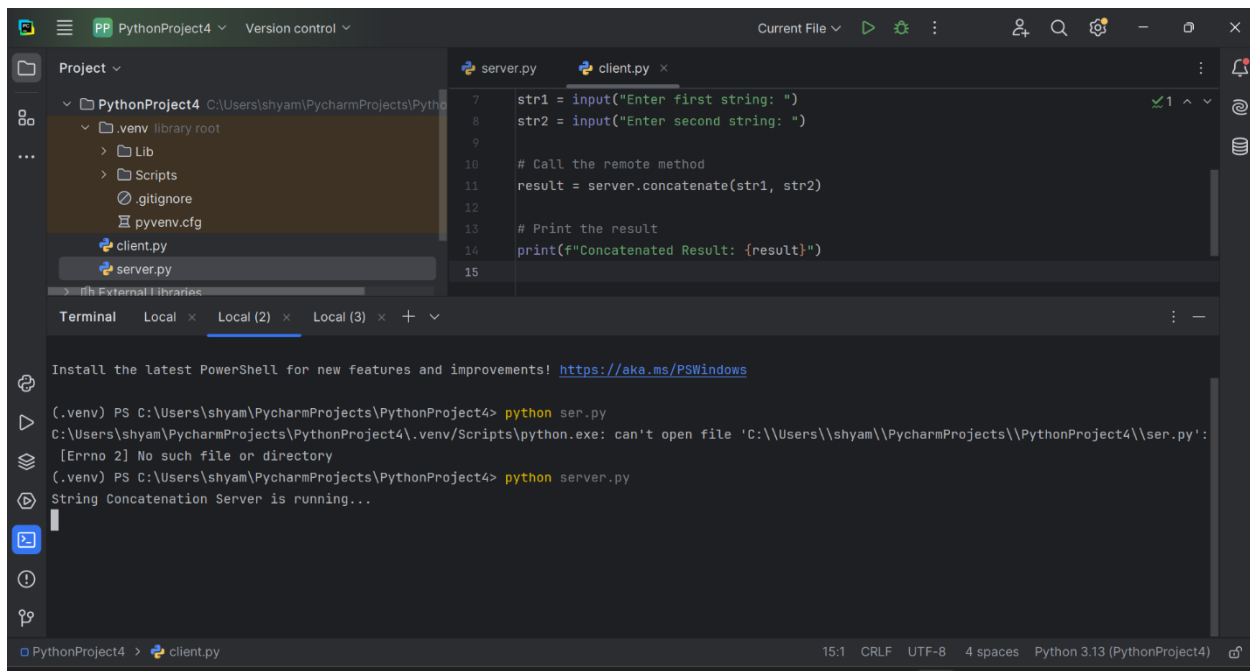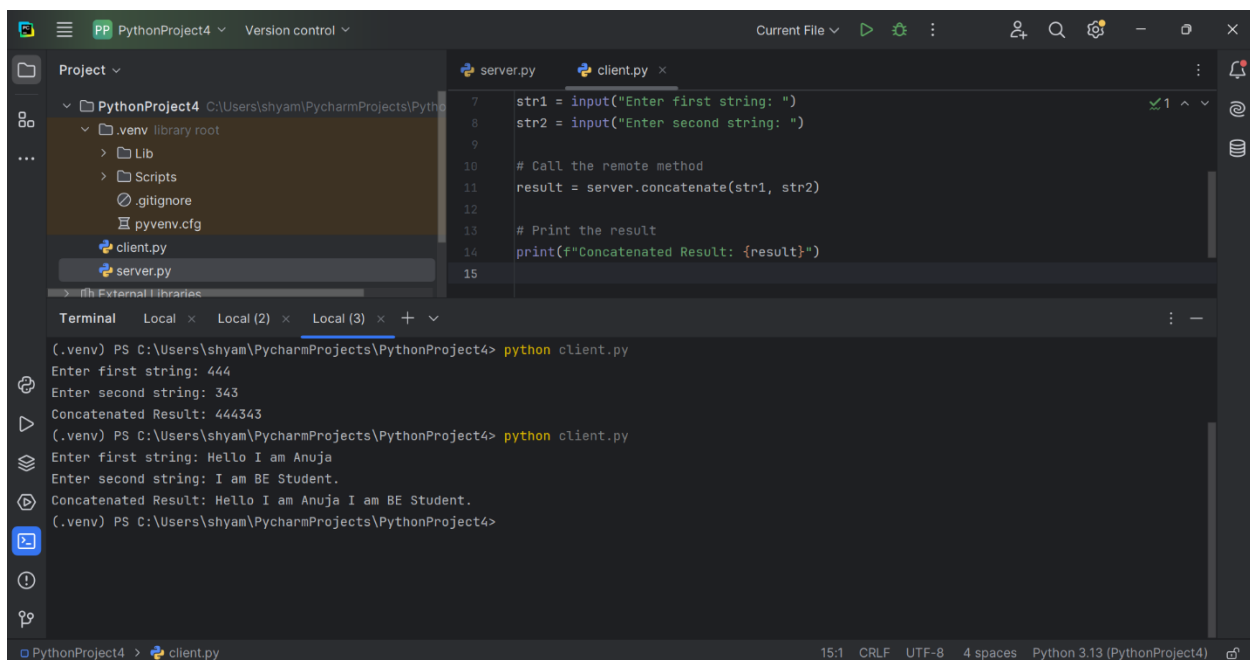
```python
Client.py
import Pyro4

# Locate the remote object
server = Pyro4.Proxy("PYRONAME:string.concat")  # Using the registered name

# Take user input
str1 = input("Enter first string: ")
str2 = input("Enter second string: ")

# Call the remote method
result = server.concatenate(str1, str2)

# Print the result
print(f"Concatenated Result: {result}")
```